

**West Piedmont Multi-Jurisdictional
Hazard Mitigation Plan**

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Appendix B1. Federally Declared Disasters

Date	Community	DR #	Federal Description	Detailed Description
1912	Danville Pittsylvania	N/A	Severe Storms & Flooding	Description not available, consult the hazard histories for each of the event types for more information.
1928	Franklin	N/A	Severe Storms & Flooding	Description not available, consult the hazard histories for each of the event types for more information.
1937	Danville Henry Patrick Pittsylvania	N/A	Severe Storms & Flooding	Description not available, consult the hazard histories for each of the event types for more information.
1939	Franklin	N/A	Severe Storms & Flooding	Description not available, consult the hazard histories for each of the event types for more information.
1940	Danville Franklin Henry Patrick Pittsylvania	N/A	Severe Storms & Flooding	Description not available, consult the hazard histories for each of the event types for more information.
1944	Franklin Pittsylvania	N/A	Severe Storms & Flooding	Description not available, consult the hazard histories for each of the event types for more information.
1945	Danville Pittsylvania	N/A	Severe Storms & Flooding	Description not available, consult the hazard histories for each of the event types for more information.
10/19/1937	Martinsville	N/A	Severe Storms & Flooding	Description not available, consult the hazard histories for each of the event types for more information.
8/15/1940	Martinsville	N/A	Severe Storms & Flooding	Description not available, consult the hazard histories for each of the event types for more information.

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Date	Community	DR #	Federal Description	Detailed Description
6/23/1972	Danville Franklin Henry Martinsville Patrick Pittsylvania	339	Tropical Storm Agnes	This event produced devastating flooding throughout the Mid-Atlantic States. Some areas of eastern Virginia received over 15 inches of rainfall as the storm moved through. The Potomac and James Rivers experienced major flooding, which created 5 to 8 feet flood waters in many locations along the rivers. Richmond was impacted the most by these high water levels. Water supply and sewage treatment plants were inundated, as were electric and gas plants. Only one of the five bridges across the James River was open, while the Downtown area was closed for several days and businesses and industries in the area suffered immense damage. Sixteen people lost their lives in the state and damage was estimated at \$222 million. These startling numbers resulted in 63 counties and 23 cities qualifying for disaster relief.
9/29/1979	Patrick	606	Severe Storms & Flooding	Description not available, consult the hazard histories for each of the event types for more information.
4/1/1980	Patrick	N/A	Severe Storms & Flooding	Description not available, consult the hazard histories for each of the event types for more information.
11/9/1985	Franklin	755	Severe Storms & Flooding	<p>Heavy rainfall from October 31 through November 6, 1985, caused record-breaking floods over a large region, including western and northern Virginia. Most of the rain fell on November 4 and 5 causing flash flooding. Heavy rainfall was indirectly related to Hurricane Juan. The Roanoke River rose seven feet in one hour and 18 feet in six hours, cresting at 23 feet on November 5.</p> <p>There were 22 deaths in Virginia as a result of the flooding. FEMA declared 50 jurisdictions disaster areas, 1.7 million people were affected by the</p>

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Date	Community	DR #	Federal Description	Detailed Description
				flooding. Flooding damages were estimated at \$800 million.
5/19/1992	Franklin Patrick Pittsylvania	944	Severe Storms & Flooding	Description not available, consult the hazard histories for each of the event types for more information.
3/10/1994	Pittsylvania	1014	Severe Ice Storms, Flooding	Description not available, consult the hazard histories for each of the event types for more information.
4/11/1994	Franklin Henry Patrick Pittsylvania	1021	Severe Winter Ice Storm	This winter storm coated portions of Virginia with 1 to 3 inches of ice from freezing rain and sleet. This led to the loss of approximately 10 to 20 percent trees in some counties, which blocked roads and caused many people to be without power for a week. There were numerous automobile accidents and injuries from people falling on ice. Damages were estimates at \$61 million.
7/1/1995	Franklin Pittsylvania	1059	Severe Storms & Flooding	Description not available, consult the hazard histories for each of the event types for more information.
1/13/1996	Danville Franklin Henry Martinsville Patrick Pittsylvania	1086	Blizzard of 1996 (severe storm)	Also known as the "Great Furlough Storm" due to Congressional impasse over the federal budget, the blizzard paralyzed the Interstate 95 corridor, and reached westward into the Appalachians where snow depths of over 48 inches were recorded. Several local governments and schools were closed for more than a week. The blizzard was followed with another storm, which blanketed the entire state with at least one foot of snow. To compound things, heavy snowfall piled on top of this storm's accumulations in the next week, which kept snow pack on the ground for an extended period of time. This snow was eventually thawed by higher temperatures and heavy rain that fell after this thaw resulted in severe flooding. Total damage between the blizzard and subsequent flooding was over \$30 million.

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Date	Community	DR #	Federal Description	Detailed Description
9/6/1996	Danville Franklin Henry Martinsville Pittsylvania	1135	Hurricane Fran	This hurricane is notable not only for the \$350 million in damages, but because of its widespread effects, including a record number of people without power and the closure of 78 primary and 853 secondary roads. Rainfall amounts between 8 and 20 inches fell over the mountains and Shenandoah Valley, leading to record-level flooding in many locations within this region. 100 people had to be rescued from the flood waters and hundreds of homes and buildings were damaged by the flood waters and high winds.
9/18/1999	Franklin	N/A	Hurricane Floyd -- Major Disaster	This large hurricane brought 10 to 20 inches of total rainfall over portions of southeast Virginia, with wind gusts up to 100 mph and storm surges approaching 7 feet along the coast. These three elements combine together to cause total storm damages of approximately \$255 million. This disaster will long be remembered in the City of Franklin and Southampton and Isle of Wight Counties, as well as the other 44 Virginia jurisdictions included in the major disaster declaration. More than 8,900 homes, businesses and public facilities were either destroyed, significantly damaged, or sustained moderate impacts. In addition to direct property damage, lost business revenues were estimated at \$13.1 million, with the City of Franklin losing nearly \$2 million in tax revenues. Direct crop losses were estimated at \$17 million. FEMA reports allocating \$8.9 million for assistance to families and individuals, and \$19.8 million for public assistance.

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Date	Community	DR #	Federal Description	Detailed Description
2/28/2000	Danville Franklin Henry Patrick Pittsylvania	1318	2000 Winter Storms	Description not available, consult the hazard histories for each of the event types for more information.
/18/2003	Danville Pittsylvania	1491	Hurricane Isabel	Hurricane Isabel entered Virginia September 18 after making landfall along the North Carolina Outer Banks. The Commonwealth sustained tropical storm winds for 29 hours with some maximum winds approaching 100 mph. The hurricane produced storm surge of 5 to 8 feet along the coast and in the Chesapeake Bay with rainfall totals between 2 to 11 inches along its track. Twenty-one inches of rainfall was measured near Waynesboro Virginia. Damages due to wind, rain, and storm surge resulted in flooding, electrical outages, debris, transportation interruption, and damaged homes and businesses. At the height of the incident approximately 6,000 residents were housed in 134 shelters and curfews were imposed in many jurisdictions. Further damages occurred when a series of thunderstorms and tornados came through many of the designated areas in the southeast portion of Virginia on September 23. There were a total of 36 confirmed deaths. More than 93,000 registrations were made for assistance. Residential destruction included 1,186 homes reported destroyed and 9,110 with major damage, 107,908 with minor damage, with losses estimated over \$590 million. Of the 1,470 businesses involved, 77 are reported destroyed, 333 suffered major damage and 1,060 businesses suffered minor or casual damage, with losses exceeding \$84 million. Public assistance exceeds \$250 million and continues to increase. More than two-thirds of the households

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Date	Community	DR #	Federal Description	Detailed Description
				and businesses within the Commonwealth were without power. Remote locations did not have power restored for three weeks.

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Appendix B2. West Piedmont FEMA Repetitive Loss Structures

Community Name	Insured	Occupancy	Zone	Building Value	Tot Building Payment	Tot Contents Payment	Losses	Total Paid	Ave. Paid
DANVILLE, CITY OF	YES	NON RESIDENT	C	\$36,600	\$16,092	\$15,641	2	\$31,734	\$15,867
DANVILLE, CITY OF	NO	ASSUMED CONDO	EMG	CONDO	\$1,826	\$2,049	2	\$3,875	\$1,938
DANVILLE, CITY OF	NO	SINGLE FAMILY	B	\$122,760	\$30,156	\$15,022	4	\$45,178	\$11,295
DANVILLE, CITY OF	NO	SINGLE FAMILY	EMG	\$32,500	\$4,240	\$1,681	2	\$5,921	\$2,960
DANVILLE, CITY OF	YES	SINGLE FAMILY	C	\$59,600	\$12,837	\$0	3	\$12,837	\$4,279
DANVILLE, CITY OF	YES	SINGLE FAMILY	C	\$200,754	\$17,126	\$4,778	3	\$21,904	\$7,301
DANVILLE, CITY OF	YES	NON RESIDENT	B	\$56,500	\$6,299	\$5,185	3	\$11,484	\$3,828
DANVILLE, CITY OF	YES	SINGLE FAMILY	B	\$93,280	\$37,801	\$6,714	4	\$44,515	\$11,129
FRANKLIN COUNTY	YES	2-4 FAMILY	A05	\$150,000	\$48,068	\$0	2	\$48,068	\$24,034
HENRY COUNTY	NO	SINGLE FAMILY	C	\$33,000	\$6,989	\$3,386	2	\$10,375	\$5,188
HENRY COUNTY	NO	SINGLE FAMILY	A	\$57,000	\$8,855	\$2,058	2	\$10,912	\$5,456
HENRY COUNTY	NO	NON RESIDENT	A	\$62,400	\$22,741	\$40,996	3	\$63,737	\$21,246
HENRY COUNTY	YES	SINGLE FAMILY	B	\$62,913	\$7,111	\$0	2	\$7,111	\$3,556
HENRY COUNTY	NO	SINGLE FAMILY	B	\$73,000	\$10,267	\$0	4	\$10,267	\$2,567
HENRY COUNTY	NO	SINGLE FAMILY	A	\$60,500	\$18,901	\$169	6	\$19,070	\$3,178
HENRY COUNTY	NO	SINGLE FAMILY	C	\$46,700	\$38,520	\$12,753	3	\$51,273	\$17,091
HENRY COUNTY	NO	SINGLE FAMILY	A05	\$10,000	\$22,300	\$0	2	\$22,300	\$11,150
HENRY COUNTY	NO	SINGLE FAMILY	A	\$42,600	\$12,640	\$9,408	2	\$22,048	\$11,024
HENRY COUNTY	NO	NON RESIDENT	A08	\$4,175,000	\$10,672	\$99,303	2	\$109,975	\$54,987
HENRY COUNTY	NO	NON RESIDENT	A08	\$3,900,000	\$2,324	\$49,495	2	\$51,819	\$25,910
HENRY	YES	SINGLE	A	\$78,700	\$1,694	\$11,394	3	\$13,087	\$4,362

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Community Name	Insured	Occupancy	Zone	Building Value	Tot Building Payment	Tot Contents Payment	Losses	Total Paid	Ave. Paid
COUNTY		FAMILY							
HENRY COUNTY	NO	SINGLE FAMILY	A05	\$69,700	\$7,261	\$0	2	\$7,261	\$3,630
HENRY COUNTY	NO	SINGLE FAMILY	X	\$60,500	\$14,662	\$2,278	5	\$16,940	\$3,388
MARTINSVILLE, CITY OF	YES	SINGLE FAMILY	A02	\$60,000	\$17,675	\$10,638	2	\$28,313	\$14,156
MARTINSVILLE, CITY OF	NO	NON RESIDENT	A	\$1,230,551	\$74,098	\$1,581	2	\$75,679	\$37,840
MARTINSVILLE, CITY OF	NO	NON RESIDENT	A	\$1,553,531	\$87,857	\$65,245	2	\$153,103	\$76,551
PATRICK COUNTY	NO	SINGLE FAMILY	A	\$32,000	\$17,193	\$466	2	\$17,659	\$8,830
PATRICK COUNTY	NO	SINGLE FAMILY	A	\$58,800	\$11,127	\$7,653	2	\$18,780	\$9,390
PATRICK COUNTY	NO	SINGLE FAMILY	A	\$31,600	\$10,398	\$10,197	2	\$20,595	\$10,298
PITTSYLVANIA COUNTY	NO	SINGLE FAMILY	B	\$61,500	\$67,848	\$14,800	7	\$82,647	\$11,807
PITTSYLVANIA COUNTY	NO	SINGLE FAMILY	A	\$51,500	\$13,297	\$5,168	4	\$18,465	\$4,616
PITTSYLVANIA COUNTY	NO	NON RESIDENT	A13	\$206,400	\$92,983	\$28,467	3	\$121,450	\$40,483
TOTAL				\$12,769,889	\$751,856	\$426,525	91	\$1,178,381	\$14,667

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Appendix B3. Hazard History

Severe Winter Storm

Date	Winter Storm Damages
March 10, 1994	Severe ice storms on March 2 lead to power outages in Henry and Pittsylvania. The winter weather event started as rain and turned to ice. 5,000 customers were without power in Gretna area, 2,000 out in Danville, and nearly 26,000 in Martinsville.
January 13, 1996	Snow began on Jan 6 in Danville. Primary roads that were plowed first include US Rts. 29, 58 and SR 265, 41, 57, and 40. Secondary roads plowed early included Rt. 750, 844, 726. A total of 9 inches fell in the Pittsylvania/Danville area and there were very few power outages because the colder temperatures did not produce any ice. It took up to a week to get all roads cleared. Newspaper reports of largest snowstorm in area on Jan 28, 1922, when a 38 hour storm dumped more than 30 inches of snow on Danville area, collapsing roofs on tobacco warehouses and other businesses. Several weather related accidents in the region. 17-20 inches of snowfall in the region.
February 28, 2000	<p>One to two inches of snow fell in the Dan River Region, causing several accidents (13 accidents in Pittsylvania County). A change in the jet stream caused a sudden burst of winter weather. In Danville and Stewart the temperatures dipped into the teens. A second snowstorm followed a few days after the first one with two to four more inches of snow falling. Then a third snow storm hit the region, dropping an additional eight inches in Danville and two inches in the Martinsville area.</p> <p>A storm on the night of February 24, dropped 1 to 2 inches in southern and eastern Henry county, less elsewhere. This was primarily an ice-snow mix, but there were no major traffic issues from this first storm. Later in the week, schools closed due to slick roads in Axton and Ridgeway. On the 30th, a second major storm blanketed the area in snow and sleet, with 3 to 4 inches of wintry mix. However, this led to few power outages because sleet did not accumulate on power lines. Up to 9 inches of snow was also recorded in Pittsylvania County.</p>

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Flooding

Date	Flooding Damages
April 11, 1905	Franklin County: Large floods caused heavy damage to croplands and structures in the flood plains.
October 17, 1937	<p>Henry County: Largest flood of record at Martinsville and Basset.</p> <p>Martinsville: Damage from this flood was moderate to severe as hundreds of homes in the county were inundated.</p> <p>Patrick County: Newspaper accounts discuss damage to many businesses and industries in the area.</p>
April 22, 1905	Franklin County: Large floods caused heavy damage to croplands and structures in the flood plains.
August 15, 1940	<p>Danville: Record flooding on both Dan and Sandy Rivers.</p> <p>Franklin County: Maximum flood of Record on the Roanoke, Pigg, and Blackwater Rivers and Snow Creek.</p> <p>Henry County: The community of Bassett has historically received the most damage from floods. The most common flood damage in the county has been to crops in the flood plains. Secondary roads and highways are frequently blocked.</p> <p>Pittsylvania County: Maximum flood on record on the Roanoke, Pigg, Dan, and Sandy Rivers.</p>
April 27, 1905	<p>Franklin County: Large floods caused heavy damage to croplands and structures in the flood plains.</p> <p>Pittsylvania County: Maximum flood on record on the Banister River.</p>

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Date	Flooding Damages
June 23, 1972	<p>Hurricane Agnes caused the Dan River to reach an all-time high of 21.3 feet at Bridge Street Power Station, topping previous mark of 20.47 on August 15, 1940. Roads were blocked throughout the city along the River, including Memorial Drive from Aiken Bridge to Robertson Bridge, lower end of Park Ave near Robertson, Mt. Cross Road at the city limits, and River Street near the railroad trestle. Bridge Street and Brantly Power stations were sandbagged to prevent flooding, and there was some damage at the sewage treatment plant.</p> <p>More than 6 inches of rain from Hurricane Agnes drenched the Martinsville-Henry-Patrick County area, mostly on June 20 and 21st. Final totals of 8.7 inches for area. Smith River overflowed in Fieldale, causing homeowner evacuations. In Henry and Patrick County, worse flooding along Town, Marrowbone, Blackberry, and Beaver creeks. Portions of Route 57 near Bassett were closed due to Smith River flood and mud slides. There was pavement washout on Route 58 in Patrick county near Lover's Leap and homes damaged in Shannon Hills near Ridgeway, Carver Road near Fieldale, and Daniel's Creek Road and John Reed Boulevard in Collinsville. In Martinsville, home damaged along Jones and Mulberry Creeks.</p> <p>Danville: Flooding occurred and caused an estimated \$1.1 million of damage to the City.</p> <p>Franklin County: Damage to the county was primarily agricultural. The destruction of crops, livestock, equipment, and highways was estimated to be \$679,000</p> <p>Pittsylvania County: Damage primarily to farms. Destruction of crops, livestock, equipment and buildings, estimated to be \$1.1 million.</p>
September 29, 1979	<p>7.5 inches of rain in Stuart caused flooding that washed away cars and lead to the evacuation of 35 people. Mayo River flooding caused 4 major businesses to flood, affecting over 850 jobs. The sewer system was also destroyed.</p> <p>4.2 inches of rain in Danville lead to fast rising water. A rescue was needed for several motorists and many secondary roads were closed in Pittsylvania County. Closed roads in Danville include River Street, Whitmell Street, and Mt. Cross Road. There were few power outages.</p> <p>Patrick County: Largest flood on record at Stuart. Damage in the immediate area was estimated at \$15 million, with approximately \$11 million of the total in the unincorporated areas of Patrick County.</p> <p><i>(Danville Register)</i></p>

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Date	Flooding Damages
April, 1980	Danville: Severe Thunderstorms and flooding caused some industrial damage, but of a low magnitude.
November 9, 1985	<p>In Franklin County, one man was killed and a woman seriously injured when their car hit a tree in the road on southbound lanes of US 220. The rain was part of a storm system that extended through the state into West Virginia and parts of Pennsylvania and New York. In Franklin County, flood waters covered US 220 at Boones Mill. Flood problems were reported along Big Island and along US 460 in Bedford County.</p> <p><i>(Danville Register and Bee, The Roanoke Times and World News)</i></p>
September 7, 1987	<p>Severe flooding primarily in the Bassett, Stanleytown, Collinsville, and Fieldale areas. The flooding was the worst experienced since construction of Philpott Dam. Approx. 500 residents were evacuated with over 150 housed in public shelters. The damage total \$6.1 million with \$4.6 million not covered by insurance. This estimate does not include damage to the 36 state roads in the county that suffered damage.</p> <p><i>(Dale Wagoner, Henry County Public Safety)</i></p>
September 22, 1989	<p>Henry County residents were evacuated from low lying areas, on Valley Drive, Blackberry Creek, and Carver Bottom; 4 – 5,000 people were left without power.</p> <p><i>(Martinsville Bulletin)</i></p>
May 19, 1992	<p>Heavy rain caused flooding in Pittsylvania, as the Dan River crested at 13.67 ft. There was no damage to homes in the area; most damage was to 6 roads from landslides and debris. Heavy debris was also reported in Smith Mountain and Leesville Lakes.</p> <p><i>(Danville Register and Bee)</i></p>
July 1, 1995	<p>Rains throughout the month of June cause flooding in Danville and Pittsylvania. 14.6 inches of rain were recorded in June, including 8.7 in the first half of the month. 15 roads were closed in the county, including SR 859 between SR 622 and NC border, SR 867 btw SR 869 and 703, SR 644 btw SR 799 and 750, SR 741 at SR 782</p> <p><i>(Danville Register and Bee)</i></p>
June 9, 1996	<p>Flooding occurred after 11.2" of rain (in 48 hrs) fell in the Blackberry creek area. There was flooding along Blackberry creek, town creek, and the Ranglely community. Approximately 15 houses were affected in the Blackberry area from Community Center up to the trailer park. Three houses were affected on Spring House Drive and numerous roads were damaged at a VDOT estimate of \$30,000. Residential damage was estimated at \$90,000.</p>

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Date	Flooding Damages
	<i>(Dale Wagoner, Henry County Public Safety)</i>
September 6, 1996	<p>Heavy rain on September 3, caused flash flooding in Danville and Pittsylvania Counties and evacuations on Fall Creek Road north of Danville city limits, Halifax street along Fall Creek, and Brown Lane in Westover Hills community. There were mudslides reported on Route 58 and off West Main Street in Danville and a Plum Street house slid off the foundation. This event generated a total of 9 inches of rainfall in two days. Several hundred customers were left without electric, 5 homes were condemned, and homes were damaged on Altice and Berman Drives when water saturations caused their basements to collapse. There was also damage to Mount Carmel Baptist Church in Water Street area and some sewer line failures found. Over 100 roads closed in Pittsylvania County, including 3 bridge washouts. After a couple days to dry out, Hurricane Fran hit the area on Sept 6th, with steady winds at 20-30 mph and gusts up to 60 mph and up to 7 inches of additional rainfall. This lead to many downed trees and widespread power outages and many secondary roads closed due to water. There were a couple inches of water in Gretna Town Hall and the water plant flooded. A water rescue had to be performed on Sandy Creek and crews called in from other states for electric repairs. President Clinton even toured Danville and Pittsylvania to survey damage on Water Street along Fall Creek. The Dan River crested 7 feet over flood stage at 18 feet, causing less damage than expected. 120 roads closed in Pittsylvania, there was one fatality due to flooding in the town of Gretna, and crops losses were estimated at \$6 million (mostly tobacco).</p> <p>Damage from storm put at \$1 million. Henry County Public Service Authority Facilities (\$257,000), Lower Smith River Treatment plant (\$50,000), water main in the Axton area (\$100,000) and sewer main at Koehler (\$150,000) were among the hardest hit.</p> <p><i>(Danville Register and Bee, Martinsville Bulletin)</i></p>
September 18, 1999	<p>In Danville, Hurricane Floyd impacts were not great in the city, similar to the impacts of a good thunderstorm. The hurricane brought with it about 3 inches of rain; leading to several trees and limbs down and 3 - 4 houses without power. Pittsylvania County also was spared by the storm.</p> <p>Minor impacts were felt by this storm; mostly power outages to 1,500 from winds ranging 25 to 30 mph.</p> <p><i>(Danville Register and Bee, Martinsville Bulletin)</i></p>

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Date	Flooding Damages
September 18, 2003	<p>Power outages began to occur in Danville and Pittsylvania County, as trees and limbs were shredded, falling across power lines. 1,000 city residences were without power. Extreme winds of 50mph were reported; with gusts beyond 60mph. At least 4 inches rain fell on the city as the category 1 hurricane passed through the area. Most of the damages in the area were a result of wind gusts. In Danville, a majority of the damage was off West Main St, River Oak Drive in Wedgewood Community, where two large sport utility vehicles were mangled by fallen trees. In Pittsylvania County, hundreds of trees fell, particularly along Route 41. About 6,500 Danville Power and Light customers were without power at some point during the storm. Most areas had power restored in a day or two. More than 1,500 customers in the city and thousands in Pittsylvania County were without power on Friday afternoon. In the city, at least 160 locations were noted with downed trees. In Pittsylvania County 200+ locations of downed trees were noted. Only one person sought shelter at the Westwood Middle School. City damage estimates were at \$327,500. Pittsylvania County estimates were at \$825,000 for agriculture, \$112,500 for private property, \$30,000 businesses, and \$21,000 debris cleanups; leading to a total of \$998,500. The agricultural damage breakdown was: \$300,000 fencing, \$250,000 corn crop, \$200,000 tobacco, and farm structure \$75,000.</p> <p>About 21,000 homes were without power in Martinsville and Henry and Patrick Counties, (11,000 in Henry, 5,300 in Patrick, and 8,000 in Martinsville). Most power was back in a few days. Rainfall was 1 to 2 inches in the area. Wind was most prominent, with debris issues found throughout area.</p> <p><i>(Danville Register and Bee, Martinsville Bulletin)</i></p>
June 20, 2004	<p>Flash flooding from about 10 inches of rainfall resulted in a couple of fatalities. Stuart Creek was totally flooded.</p> <p><i>(Martinsville Bulletin)</i></p>
September 10, 2004	<p>Remnants of Hurricane Frances officially deposited 6.6 inches of rainfall in a three day period. The western areas, Callaway and Ferrum, unofficially reported a rainfall of 8.2 inches. Many roads were flooded.</p> <p>Hurricane Frances dropped 5 to 6 inches of rainfall. The storm affected areas including Shannon Hills residential area and Shamrock Drive near its intersection with US 220 South.</p> <p><i>(Franklin News Post, Martinsville Bulletin)</i></p>

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September 29, 2004	<p>\$143,000 damage in flooding by the remnants of Jeanne on 09/28/2004, including private roads and bridges in Patrick County (\$40,000), structure damage (\$68,000), destroyed structures (\$15,000) and other damages (\$20,000). As much as 12 inches of rainfall were reported in the communities of Claudville, Dry Pond, Stuart, Meadows of Dan, Woolwine and Charity. Damages to crops were also reported.</p> <p>Hurricane Jeanne caused flooding when as much as 4 inches of rainfall dropped in a short period of time. About 25 roads were closed in the County, including Snow Creek Road (Rt. 890) and LaPrade's Mill Road (Rt. 629). Hardest hit areas in the short time period were northwest of US 220, north of Rt. 40 and north of Rt. 122.</p> <p>Hurricane Jeanne dropped 2 to 4 inches of rain on the county, with central portion of the county receiving the most rainfall.</p> <p>Flash flooding due to remnants of Hurricane Jeanne lead to flood waters at least 12 feet high. About 10 inches of rain fell in the Meadows of Dan area.</p> <p>Federal disaster aid was issued for Patrick County due to damages caused by Tropical Storm Jeanne. Up to 10 inches of rain fell in the county on 09/28/2004 due to remnants of Jeanne. Hazard mitigation assistance was approved.</p> <p><i>(Enterprise, Franklin News Post, Martinsville Bulletin)</i></p>
January 15, 2005	<p>Wind gusts cause damage in Holbrook Street apartments. Some units were damaged and there were power outages. About 1 - 2 inches of rainfall was deposited during the event.</p> <p><i>(Danville Register and Bee)</i></p>

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Extreme Wind (Tornado & Hurricane)

Date	Community	Mag	Tornado Damages
June 13, 1953	Pittsylvania County	F1	Tornado was 5 miles in length and 33 yards wide. Property damages estimated at \$3,000.
July 12, 1964	Henry County and Pittsylvania County	F2	Tornado was 5 miles in length and 100 yards wide. Property damages estimated at \$253,000.
September 29, 1972	Pittsylvania County	F1	Tornado was 5 miles in length and 50 yards in width. Property damages estimated at \$25,000.
May 15, 1976	Pittsylvania County	F1	Tornado was 2 miles in length and 33 yards in width. Property damages estimated at \$3,000.
October 10, 1976	Danville City	F	Tornado was 2 miles in length and 30 yards in width. Property damages estimated at \$3,000.
June 25, 1977	Pittsylvania County	F2	Tornado was 4 miles in length and 40 yards in width. Property damages estimated at \$25,000.
August 9, 1978	Franklin County	F	Tornado was less than a mile in length and 10 yards in width. Property damages estimated at \$3,000.
April 2, 1990	Pittsylvania County	F0	Tornado was less than a mile in length and 10 yards in width. Property damages estimated at \$300.
August 17, 1994	Henry County and Martinsville City	F2	A tornado touched down just north of Ridgeway and moved to one and a half miles south of Martinsville. The path length was 4.25 miles long and averaged about 200 yards wide. Ten people were injured, 100 homes and 30 businesses were damaged. Total damages came to \$8.7 million. The thunderstorm that produced the tornado was part of the remnants of Tropical Storm Beryl.
June 9, 1996	Franklin County (Burnt Chimney)	F2	Tornado was less than a mile in length and 30 yards in width.
June 10, 1996	Pittsylvania County (Renan) and Henry County (Axton)	F1	<p>Thunderstorms during the morning hours on the 10th produced two tornadoes, damaging winds and flash flooding. A tornado developed 3 miles south-southwest of Axton at 0722 EST and traveled 1.5 miles northeast before dissipating 2 miles south of Axton at 0728 EST. This F1 tornado damaged 3 houses, tore the roof off another house, destroyed 6 outbuildings, damaged a barn and a shed, uprooted and snapped off numerous trees and knocked down power lines and power poles.</p> <p>A second tornado developed 0.5 miles northwest of Renan at 0845 EST and traveled 1.1 miles northeast before dissipating 1 mile north-northeast of Renan at 0848 EST. This F1 tornado broke out windows and tore the roof off a house, damaged the roof of another house, severely damaged one vehicle, damaged two other vehicles, damaged an abandoned school, tore the roof off of two out buildings knocked down power lines and power poles, damaged antennas, and snapped off or uprooted numerous trees. Thunderstorm winds broke off tree limbs and uprooted trees in portions of Chatham. Tree limbs damaged gutters and shingles of a few homes.</p>

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Date	Community	Mag	Tornado Damages
			Property damages estimated at \$80,000.
March 20, 1998	Henry County(Sandy Level) and Pittsylvania County (Cascade)	F1	<p>Thunderstorms during the late morning and afternoon hours produced a tornado, flash flooding, hail up to golfball size, and damaging winds. From the same storm that produced two tornadoes in North Carolina, a tornado formed about 2 miles west of Sandy Level in extreme southeastern Henry County and traveled northeast about 11 miles before dissipating about 2 miles west of Whitmell in Pittsylvania County. This tornado was generally from 100 to 200 yards wide, with damage in some areas up to 350 yards wide. This tornado damaged or destroyed several vehicles, barns, and outbuildings, and more than 60 residences, damaged two churches, and toppled trees and power lines. Some of the fallen trees blocked roads for a period of time. Just before the tornado formed, trees and power lines were knocked down and large branches of trees were snapped off from the North Carolina border 3 miles west southwest of Sandy Level to 2 miles west of Sandy Level. Damages estimated at \$200,000.</p>
May 7, 1998	Pittsylvania County (Blairs)	F1	<p>Thunderstorms during the evening hours on the 7th produced a tornado, flash flooding, damaging lightning, and hail up to quarter size. A tornado touched down two and a half miles west of Blairs. The tornado ripped the roof off a house, damaged 25 other homes and a garage, broke off tree limbs, and toppled trees. Two people were slightly injured by the tornado.</p> <p>Flash flooding two miles north of Danville resulted in the closing of several roads and the evacuation of 50 people from a mobile home park. Falls Creek left its banks about four miles southwest of Axton. In the southern portion of Pittsylvania County, flash flooding resulted in several roads being closed and a bridge being washed out. A few of the flooded roads were damaged. A lightning strike slightly damaged a house in Bassett.</p>
September 29, 1999	Patrick County (Ararat)	F1	<p>Thunderstorms on the 29th produced damaging winds, flash flooding, and two tornadoes. Thunderstorm winds downed 10 trees at the intersection of State Route 653 and US Route 58, eleven miles southeast of Hillsville, downed several trees 2.5 miles south of Ararat, downed several trees and broke off large tree limbs from 4 miles east-northeast of Ararat to 4.5 miles east-northeast of Ararat, downed large trees in Halifax, including a tree that closed Route 501 southbound for two hours, and downed trees and damaged a mobile home 4 miles south of New Canton. Heavy rain flooded Route 707, five miles southeast of Chatham, 6 creeks in western Campbell County, closing several roads, flooded and closed Route 460 one mile north of Concord, stranding a motorist, numerous small streams and roads in Amherst County, several roads in the City of Lynchburg, forcing them to be closed, flooded Mill Stream Bridge in Gretna, and several streams in western Appomattox County, closing several roads. A thunderstorm spawned two tornadoes in Patrick County, during the early evening of the 29.</p> <p>The first tornado formed 2.2 miles south-southeast of Ararat at 1731 EST. It was on the ground for about a quarter of a mile before dissipating at near</p>

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Date	Community	Mag	Tornado Damages
			1732 EST. The path was 50 yards wide. This tornado tore off part of the roof of a tobacco curing shelter, uprooted several trees, and broke off large tree limbs. One large tree fell on and destroyed a mobile home. Maximum wind speeds were estimated at about 80 miles an hour. The second tornado formed 2.5 miles southeast of Ararat at 1734 EST and traveled northeast for nearly a mile, to 2.5 miles east-southeast of Ararat before dissipating at 1736. This tornado damaged the roof of a house, tore shingles and a gutter off of a church, damaged out buildings and a barn, uprooted several trees, broke off large tree limbs, and damaged some tobacco crops. This tornado was 50 yards wide and maximum winds were also estimated at about 80 miles an hour.
August 14, 2004	Danville City	F1	A broken line of thunderstorms progressed out of NC into VA where it produced mainly straight line wind damage across Pittsylvania Co. and parts of the City of Danville. Damage included downed trees. The storm did spawn one F1 tornado that touched down in western sections of Danville. The tornado severely damaged two commercial buildings and a greenhouse. Many trees were snapped or uprooted with several trees or large limbs on houses. There was one minor injury. A portion of this broken line of storms produced very heavy rainfall over the central portion of Pittsylvania Co resulting in flooding. Several roads were closed by VDOT.
August 14, 2004	Danville City	F1	F1 tornado caused damages totaling \$5 million in Danville. Wind speeds were estimated at 100 mph. Power outages were found in many areas, fallen trees and debris and property damage were also reported in the article. More than 4 inches of rainfall fell due to remnants of Hurricane Bonnie and Charley. This (coupled with a tornado in Danville) caused damages that included downed trees, blown off roofs, structural damage, and tree damage. The streets of Chatham and Gretna were flooded.
September 17, 2004	Henry County (Fieldale) and Franklin County	F2	A tornado touched down near Fieldale at 1104 EST. The F1 tornado crossed U.S. Highway 220 turning over 2 tractor-trailer trucks and 2 passenger vehicles. All 4 drivers suffered minor injuries. The tornado damage patch widened to a quarter mile, and strengthened to F2 as it approached and struck a factory. At this location, around 40 vehicles were severely damaged or destroyed. The factory experienced significant damage. The tornado then proceeded north and entered a residential subdivision, but only minor roof and tree damage occurred here. The tornado path became intermittent as it continued north and the damage was limited to trees. The tornado crossed into Franklin County at 1114 EST. The remnants of the Henry County tornado briefly touched down at F0 strength as it crossed into Franklin County. Damage was restricted to several large trees, one of which landed on a residential garage.

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Date	Community	Mag	Tornado Damages
September 22, 2004	Danville City		A tornado spawned by Hurricane Ivan in Fieldale area caused damages estimated at about \$53.8 million. Damages at George Washington High School estimated at about \$97,000 in structural damage. This included the CPFilms plant (\$51 million) at Whitby Acres, which was directly hit by the tornado. Trees were splintered in Bassett County Club and Fairystone Highway. 4,500 customers of AEP lost power. CPFilms plant 1 was damaged by and F2 tornado, with wind speeds of 113 to 157 mph. In the building, about 40 cars were destroyed and 75 damaged.
September 28, 2004	Pittsylvania County (Cascade)	F1	<p>A tornado was spawned by the remnants of Hurricane Jeanne in Pittsylvania County. It was the only tornado in this event. Initial tornado touchdown occurred in the Oak Ridge are of southwest Pittsylvania County just before 4 am. Damage in this area was rated F0. The nature of the damage was a few down trees. Given the extremely moist soil conditions, it would not have taken very strong winds to cause this damage. The tornado continued in a northerly direction leaving an intermittent F0 damage path of damaged and downed trees. Over the last 3 miles of the path the damage became continues and the tornado briefly reached F1 status resulting in the destruction of a single wide trailer home on Hill Creek Road in the town of Dry Fork. The owner was in his home at the time. He received minor cuts and bruises and did not require hospitalization.</p> <p>On Foxridge Road in Chatham, numerous large trees were uprooted and some were snapped. One of these large trees landed on a newly constructed garage, destroying it. The path width of this storm varied from 75 to 150 yards. A short lived F0 tornado touched down 1/2 mile WNW of Straightstone, in a hay field. About a quarter mile path was found. No damage occurred in Straightstone.</p>
October 8, 2004	Pittsylvania County		A tornado in western Pittsylvania County lead to damages of about \$200,000; including residential damage at 12 private properties (\$152,000) and agricultural damage (\$40,000). Damage was consistent with tornado wind speeds of 40-72 mph, with a small area having damage consistent with winds of 73-112 mph.

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Date	Hurricane Damages
June 23, 1972	<p>Hurricane Agnes caused the Dan River to reach an all-time high of 21.3 feet at Bridge Street Power Station, topping previous mark of 20.47 on August 15, 1940. Roads were blocked throughout the city along the River, including Memorial Drive from Aiken Bridge to Robertson Bridge, lower end of Park Ave near Robertson, Mt. Cross Road at the city limits, and River Street near the railroad trestle. Bridge Street and Brantly Power stations were sandbagged to prevent flooding, and there was some damage at the sewage treatment plant.</p> <p>More than 6 inches of rain from Hurricane Agnes drenched the Martinsville-Henry-Patrick County area, mostly on June 20 and 21st. Final totals of 8.7 inches for area. Smith River overflowed in Fieldale, causing homeowner evacuations. In Henry and Patrick County, worse flooding along Town, Marrowbone, Blackberry, and Beaver creeks. Portions of Route 57 near Bassett were closed due to Smith River flood and mud slides. There was pavement washout on Route 58 in Patrick county near Lover's leap and homes damaged in Shannon Hills near Ridgeway, Carver Rd near Fieldale, and Daniel's Creek Road and John Reed Blvd in Collinsville. In Martinsville, home damaged along Jones and Mulberry creeks.</p> <p>Danville: Flooding occurred and caused an estimated \$1.1 million of damage to the City.</p> <p>Franklin County: Damage to the county was primarily agricultural. The destruction of crops, livestock, equipment, and highways was estimated to be \$679,000</p> <p>Pittsylvania County: Damage primarily to farms. Destruction of crops, livestock, equipment and buildings, estimated to be \$1.1 million.</p>
September 18, 1999	<p>In Danville, Hurricane Floyd impacts were not great in the city, similar to the impacts of a good thunderstorm. The hurricane brought with it about 3 inches of rain; leading to several trees and limbs down and 3 - 4 houses without power.</p> <p>Pittsylvania County also was spared by the storm.</p> <p>Minor impacts were felt by this storm; mostly power outages to 1,500 from winds ranging 25 to 30 mph.</p> <p><i>(Danville Register and Bee, Martinsville Bulletin)</i></p>

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Date	Hurricane Damages
September 18, 2003	<p>Power outages began to occur in Danville and Pittsylvania County, as trees and limbs were shredded, falling across power lines. 1,000 city residences were without power. Extreme winds of 50mph were reported; with gusts beyond 60mph. At least 4 inches rain fell on the city as the category 1 hurricane passed through the area. Most of the damages in the area were a result of wind gusts. In Danville, a majority of the damage was off West Main St, River Oak Drive in Wedgewood Community, where two large sport utility vehicles were mangled by fallen trees. In Pittsylvania County, hundreds of trees fell, particularly along Route 41. About 6,500 Danville Power and Light customers were without power at some point during the storm. Most areas had power restored in a day or two. More than 1500 customers in the city and thousands in Pittsylvania County were without power on Friday afternoon. In the city at least 160 locations were noted with downed trees. In Pittsylvania County 200+ locations of downed trees were noted. Only one person sought shelter at the Westwood Middle School. City damage estimates were at \$327,500. Pittsylvania County estimates were at \$825,000 for agriculture, \$112,500 for private property, \$30,000 businesses, and \$21,000 debris cleanups; leading to a total of \$998,500. The agricultural damage breakdown was: \$300,000 fencing, \$250,000 corn crop, \$200,000 tobacco, and farm structure \$75,000.</p> <p>About 21,000 homes were without power in Martinsville and Henry and Patrick Counties, (11,000 in Henry, 5,300 in Patrick, and 8,000 in Martinsville). Most power was back in a few days. Rainfall was 1 to 2 inches in the area. Wind was most prominent, with debris issues found throughout area.</p> <p><i>(Danville Register and Bee, Martinsville Bulletin)</i></p>
September 10, 2004	<p>Remnants of Hurricane Frances officially deposited 6.6 inches of rainfall in a three day period. The western areas, Callaway and Ferrum, unofficially reported a rainfall of 8.2 inches. Many roads were flooded.</p> <p>Hurricane Frances dropped 5 to 6 inches of rainfall. The storm affected areas including Shannon Hills residential area and Shamrock Drive near its intersection with US 220 South.</p> <p><i>(Franklin News Post, Martinsville Bulletin)</i></p>

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Date	Hurricane Damages
September 29, 2004	<p>\$143,000 damage in flooding by the remnants of Jeanne on 09/28/2004, including private roads and bridges in the County (\$40,000), structure damage (\$68,000), destroyed structures (\$15,000) and other damages (\$20,000). As much as 12 inches of rainfall were reported in the communities of Claudville, Dry Pond, Stuart, Meadows of Dan, Woolwine and Charity. Damages to crops were also reported.</p> <p>Hurricane Jeanne caused flooding when as much as 4 inches of rainfall dropped in a short period of time. About 25 roads were closed in the County, including Snow Creek Road (Rt. 890) and LaPrade's Mill Road (Rt. 629). Hardest hit areas in the short time period were northwest of US 220, north of Rt. 40 and north of Rt. 122.</p> <p>Hurricane Jeanne dropped 2 to 4 inches of rain on the county, with central portion of the county receiving the most rainfall.</p> <p>Flash flooding due to remnants of Hurricane Jeanne lead to flood waters at least 12 feet high. About 10 inches of rain fell in the Meadows of Dan area.</p> <p>Federal disaster aid was issued for Patrick County due to damages caused by Tropical Storm Jeanne. Up to 10 inches of rain fell in the county on 09/28/2004 due to remnants of Jeanne. Hazard mitigation assistance was approved.</p> <p>Smith Mountain Lake emergency declaration was issued to facilitate speedy cleanup of the debris accumulated in the aftermath of Hurricanes Ivan and Jeanne.</p> <p><i>(Enterprise, Franklin News Post, Martinsville Bulletin)</i></p>

Date	General Wind Damages
March 3, 2004	70 mph wind gusts in the Dan River region (part of a short lived cold front) resulted in fallen trees across roads and downed power lines. About 5,000 power outages were reported. Fallen power lines ignited fires in some areas.
January 15, 2005	Wind gusts cause damage in Holbrook Street apartments. Some units were damaged and there were power outages. About 1 - 2 inches of rainfall was deposited during the event.

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Drought

Date	Drought Damages
1976 - 1977	10 months of below average precipitation. The drought began in November of 1976 when rainfall totaled to only 50 to 75% of normal. During the rest of the winter, the storms tracked across the gulf. During the Spring and Summer the storms tracked across the Great Lakes. These weather patterns created significant drought throughout most of Virginia.
May 1980 – August 1980	Warm and dry conditions prevailed through the beginning of the summer. June precipitation data show that much of Virginia received record low rainfall. No crop damage reported.
1985 - 1986	Very little rainfall began in December and the trend continued through out the summer. Total precipitation January and February was 2 inches. Palmer Index values dropped below -2 by June. By August and September 40% of the Tidewater and Eastern Piedmont had below normal precipitation totals. High temperatures along with scarce precipitation created a drought that lasted well into the fall.
June 1988 – July 1998	A heat wave over the southeast produced warm and dry conditions over much of Virginia. Although the news reported stories of a drought in Virginia, the Drought Monitoring Team never stated in a report that these conditions were indicative of a drought. Palmer Drought Index values were above -2.
May 1993 – August 1993	Very warm temperatures and little rain were noted beginning June 5, 1993. Precipitation shortages were greater than five inches for southwestern and southeastern Virginia from May through July. Surface soil moisture levels were low enough to result in significant agricultural damage. However groundwater remained at normal levels.
June 1999- September 1999	Northern Virginia and Shenandoah Valley in one of the worst droughts of the 20th Century. Record low stream flows on the Rappahannock. Crops, cattle and fisheries were all suffering. The drought was beginning to move into the Piedmont.
2001-2004	Beginning in the winter of 2001 the mid-Atlantic began to show long-term drought conditions. The National Weather Service made reports of moisture starved cold fronts that would continue throughout the winter. Stream levels were below normal with record lows observed at gages for the York, James, and Roanoke River Basins. By November of 2002 the US Secretary of Agriculture had approved 45 counties for primary disaster designation, while 36 requests remained pending.